

Title (en)

HOT MELT APPLICATOR WITH ANTI-DRIP MECHANISM

Publication

**EP 0381440 B1 19930811 (EN)**

Application

**EP 90300947 A 19900130**

Priority

US 30584689 A 19890202

Abstract (en)

[origin: EP0381440A2] A hot melt applicator (110) has a feeding mechanism (154) for advancing a block (136) of solid material toward a melting chamber (118), and the feeding mechanism (154) includes a retraction device for shifting the block (136) a slight distance in a rearward direction to a retracted position subsequent to the dispensing operation. The feeding mechanism has a release device (197) for enabling the block (136) to float freely after moving to the retracted position in order to provide additional room for molten material in the melting chamber (118) upon thermal expansion of the material.

IPC 1-7

**B05C 17/005**

IPC 8 full level

**B05C 5/04** (2006.01); **B05C 17/005** (2006.01)

CPC (source: EP US)

**B05C 17/0053** (2013.01 - EP US); **Y10T 74/1529** (2015.01 - EP US); **Y10T 74/1553** (2015.01 - EP US)

Cited by

EP3581279A1; EP2730342A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0381440 A2 19900808**; **EP 0381440 A3 19910703**; **EP 0381440 B1 19930811**; CA 2008532 A1 19900802; DE 69002646 D1 19930916; DE 69002646 T2 19940224; ES 2045785 T3 19940116; JP H02233173 A 19900914; US 4951846 A 19900828

DOCDB simple family (application)

**EP 90300947 A 19900130**; CA 2008532 A 19900125; DE 69002646 T 19900130; ES 90300947 T 19900130; JP 2428090 A 19900202; US 30584689 A 19890202